APPLIANCE ENGINEER

Subject/Author Index for Volume 7

This subject and author index is your guide to technical data published in Volume 7 of APPLIANCE ENGINEER for calendar year 1973.

In the subject index, bold face type identifies technical features, whereas normal type references items appearing in standard departments (Materials, Equipment & Processing; New Products; and New Literature). Numbers outside parentheses refer to issue numbers. Numbers in parentheses refer to page numbers.

Address all inquiries to APPLIANCE ENGINEER, Reader Service Dept., Dana Chase Publications, Inc., York St. at Park Ave., Elmhurst, Ill. 60126.

AUTHOR INDEX

- Barnes, James; "Skip-Lock-Loop Tuning," 6 (14)
- Belford, Richard B; "An optimum metric fastener system," 5 (27)
- Duell, J. Porter, Jr.; "Electrical Contact Design," 6 (19)
- Erdman, Frank G.; "Determining compressor lifetime in the laboratory," 1 (41)
- Granzeler, Frank J.; "Appliance engineers speak out on the service crisis," 1 (34); "Refrigeration design objectives are a moving target," 3 (25); "New options with connector/conductor technology," 4 (25); "Washer design balances fine tuning, new concepts," 5 (31); "Range/oven temperature standards," 6 (29)
- Johnson, Robert K.; "Putting metal powder parts to work," 1 (25)
- Knoop, Dr. Donald E.; "Design of controls using computer simulation," 5 (18)
- Kornguth, Herbert, and Ohnsorg, Roger W.; "The silicon carbide igniter," 4 (33)
- Michaels, Leonard H.; "Flex circuit termination systems," 2 (30)
- Moore, Benjamin N.; "Etched foil element approach to appliance heating," 5 (20)
- Musa, Dr. Raymond S.; "Sound measurement as related to appliances," 5 (16)
- Ohnsorg, Roger W., and Kornguth, Herbert; "The silicon carbide igniter," 4 (33)
- Pauler, Charles J.; "Engineering procedures solve service problems," 4 (38)
- Pettus, Charles; "Lubrication failures in hot environments," 4 (45)
- Serrano, Juan J.; "A study of appliance temperature control technology," 2 (23)
- Stanton, Burr; "The computer in development testing and evaluation," 3 (33)
- Tufts, Carl R.; "An organizational approach to the service crisis," 5 (38)
- Willis, David P., Jr.; "Increasing lifetime with fluoropolymer coatings," 1 (21)

APPLIANCE ENGINEER

Subject/Author Index for Volume 7

This subject and author index is your guide to technical data published in Volume 7 of APPLIANCE ENGINEER for calendar year 1973.

In the subject index, bold face type identifies technical features, whereas normal type references items appearing in standard departments (Materials, Equipment & Processing; New Products; and New Literature). Numbers outside parentheses refer to issue numbers. Numbers in parentheses refer to page numbers.

Address all inquiries to APPLIANCE ENGINEER, Reader Service Dept., Dana Chase Publications, Inc., York St. at Park Ave., Elmhurst, Ill. 60126.

AUTHOR INDEX

- Barnes, James; "Skip-Lock-Loop Tuning," 6 (14)
- Belford, Richard B; "An optimum metric fastener system," 5 (27)
- Duell, J. Porter, Jr.; "Electrical Contact Design," 6 (19)
- Erdman, Frank G.; "Determining compressor lifetime in the laboratory," 1 (41)
- Granzeler, Frank J.; "Appliance engineers speak out on the service crisis," 1 (34); "Refrigeration design objectives are a moving target," 3 (25); "New options with connector/conductor technology," 4 (25); "Washer design balances fine tuning, new concepts," 5 (31); "Range/oven temperature standards," 6 (29)
- Johnson, Robert K.; "Putting metal powder parts to work," 1 (25)
- Knoop, Dr. Donald E.; "Design of controls using computer simulation," 5 (18)
- Kornguth, Herbert, and Ohnsorg, Roger W.; "The silicon carbide igniter," 4 (33)
- Michaels, Leonard H.; "Flex circuit termination systems," 2 (30)
- Moore, Benjamin N.; "Etched foil element approach to appliance heating," 5 (20)
- Musa, Dr. Raymond S.; "Sound measurement as related to appliances," 5 (16)
- Ohnsorg, Roger W., and Kornguth, Herbert; "The silicon carbide igniter," 4 (33)
- Pauler, Charles J.; "Engineering procedures solve service problems," 4 (38)
- Pettus, Charles; "Lubrication failures in hot environments," 4 (45)
- Serrano, Juan J.; "A study of appliance temperature control technology," 2 (23)
- Stanton, Burr; "The computer in development testing and evaluation," 3 (33)
- Tufts, Carl R.; "An organizational approach to the service crisis," 5 (38)
- Willis, David P., Jr.; "Increasing lifetime with fluoropolymer coatings," 1 (21)

SUBJECT INDEX

Acoustics, 1 (48), 2 (63), 5 (11, 16, 61,

Adhesives, 1 (10, 57), 2 (53), 3 (69, 75), 4 (59), 5 (10, 66), 6 (6)

Air Conditioners, 1 (41), 2 (52), 3 (25,

Appliance Suppliers Exhibit & Conference, 3 (38)

Appliance Technical Conference, 3 (39) 1973 Appliance Technical Conference Highlights, 5 (16)

Batteries, 1 (48), 3 (71), 6 (51, 59) Bearings, 2 (62), 3 (16, 69, 77), 4 (8, 45), 6 (59)

Capacitors, 1 (47), 4 (58) Ceramics, 2 (17) Compactors, 3 (58, 61) Compressors, 1 (56), 3 (26)

Determining Compressor Lifetime in the Laboratory, 1 (41)

Computers, 1 (41, 58), 5 (18) The Computer in Development Testing and Evaluation, 3 (33) Connectors & Terminals, 2 (30), 4 (31),

5 (59), 6 (61) New Options with Today's Connec-

tors/Conductors, 4 (25) Consumer Electronics, 1 (36) Skip-Lock-Loop Tuning, 6 (14)

Consumerism, 1 (3), 3 (25), 4 (38), 6 (3) Contacts 6 (55)

Electrical Contact Design, 6 (19) Controls

Relays, 1 (50), 3 (71, 74), 4 (57), 6

Sensors, 1 (11, 48), 4 (9), 5 (59) Solenoids, 2 (16), 6 (55)

Switches, 1 (11, 48, 56, 57), 2 (16, 17, 62), 3 (17, 69, 71), 4 (49, 51, 56, 61), 5 (59, 60, 61, 65), 6 (6, 52, 53, 59, 61)

Temperature, 1 (59), 2 (61), 4 (57), 6

A Study of Appliance Temperature

Control Technology, 2 (23)
Timers & Counters, 2 (64), 3 (69), 4 (8, 16, 57), 5 (33, 63, 66), 6 (6, 47, 54)

Design Techniques, 1 (41), 2 (3, 23), 3 (25, 33), 4 (38), 5 (18, 65), 6 (24) Diecasting, 1 (57) Dishwashers, 5 (31)

Display/Indicators, 2 (64), 3 (75), 4 (9,

Editorial Advisory Board, 4 (12) Efficiency, 3 (3, 25, 67), 5 (55) Electric Heat, 1 (11), 2 (23, 38), 3 (75, 77), 4 (61), 5 (20, 65) Electric Housewares, 2 (23), 3 (62), 4 (16), 5 (20)

Energy, 3 (25, 67) Engineering Management, 4 (3, 38), 5 (38, 55), 6 (48)

Fans & Blowers, 1 (50), 3 (16, 69) Fasteners, Mechanical, 1 (56), 2 (17, 60, 63), 3 (17, 77, 78), 4 (8, 51, 56, 59, 60, 61), 5 (3, 11, 59, 62, 65), 6 (50, 55,

An Optimum Metric Fastener System,

5 (27) Floor Care Appliances, 1 (10), 5 (40)

Gas Heat, 1 (56), 4 (33) **R&D Focus on Gas Appliances, 2 (50)** Gas Ignition, 1 (59), 2 (55), 4 (60) The Silicon Carbide Igniter, 4 (33) Gears, 1 (10) Ground Fault Protectors, 3, (75, 76)

Home Laundry, 4 (16) Washer Design Balances Fine Tuning, New Concepts, 5 (31)

Insulation, 5 (66)

Labels/Nameplates, 1 (59) Laboratory Instruments, 1 (11, 57, 58, 59), 2 (17, 60), 3 (17), 5 (10, 59), 6 (7, 55) Lubricants

Lubrication Failures in Hot Environments, 4 (45)

Magnets 1 (56), 6 (7) Materials

Acoustic, 1 (48), 2 (63), 5 (11, 61, 62) Adhesive-backed, 1 (10) Elastomers, 1 (50, 56)

Films, 2 (16)

Increasing Lifetime with Fluoropoly-

mer Coatings, 1 (21)
Magnetic, 1 (57), 6 (7)
Metals, 1 (10, 57), 3 (28, 74, 75), 4 (9), 5 (11, 32), 6 (54, 55)

An Engineering Look at Appliance Steel Applications, 3 (58)

Plastics, 1 (10, 57), 2 (47, 65), 3 (29), 4 (16, 49, 60, 61), 5 (32, 66), 6 (50, 51, 52, 55)

Design Parameters for Reinforced Composites, 5 (22) How to Evaluate Engineering Ther-

moplastics, 2 (35) Porcelain Enamel, 3 (28), 5 (32)

Powder Coatings, 2 (64), 3 (16), 5 (11) Tape, 2 (16), 3 (76)

Metrication, 3 (77), 5 (3, 27, 55) Molding, Plastics, 1 (56, 58, 61) Motors, 1 (10, 47, 56, 58), 2 (53, 61), 3 (17, 69, 76, 78), 4 (45, 60), 5 (47, 59) Electrical Noise and Vibration, 4 (22) Noise and Vibration in FHP Motors,

State of the Art in PM Motors, 5 (47) A New Look at AC/PM Motors, 6 (37)

Oven Windows, 4 (57, 58), 6 (29)

Permanent Magnets, 1 (56), 6 (37) Pilot Lights, 1 (59) Portable Appliances, (see "Electric Housewares")

Powder Metallurgy, 6 (59)

Custom P/M Parts Fabricators, 1 (31) Putting Metal Powder Parts to Work, 1 (25)

Recommended Design for Powder Metal Parts, 6 (24)

Power Tools, 1 (10) Power Transmissions, 4 (59)

Processing Equipment, 1 (57), 3 (16), 4 (9, 61), 5 (10, 11) Productivity

MIT Researches Service Productivity, 1 (38)

Protective Devices, 1 (58), 2 (23), 3 (75, 76)

Quality Control, 1, (34, 61), 4 (38), 5 (38)

Range/Oven, 2 (23, 51, 52), 3 (60), 4 (33, 57, 58), 5 (18)

Range/Oven temperature standards, 6 (29)

Reader Surveys

Appliance Timers, 6 (47) Changing to Metrication, 5 (55) Connectors and Conductors, 2 (59) Engineers as Managers, 4 (55) Product Efficiency, 3 (67)

The Appliance Industry Image, 1 (55) Refrigeration, 1 (59), 2 (3, 23, 39), 4 (16) Refrigeration Design Objectives are a

Moving Target, 3 (25) Reliability, 1 (34), 4 (45)

Safety, 2 (37, 52), 6 (3) Seals, 2 (63), 3 (17), 5 (23), 6 (50, 61) Service, 3 (32)

An Organizational Approach to the Service Crisis, 5 (38) Appliance Industry Engineers Speak Out on the Service Crisis, 1 (34)

Engineering Procedures Solve Service Problems, 4 (18)

Solder, 1 (56) Solid State, 3 (69, 71), 4 (57), 5 (35, 59, 65), 6 (7, 50, 51, 53, 55) Bridges, 1 (47) ICs, 1 (47), 2 (23, 61)

Thyristors, 1 (58, 61), 4 (60), 6 (59) Springs, 1 (56), 3 (76)

Standards 2 (37), 3 (25), 5 (3, 27), 6 (3) Strain Gage Coatings, 2 (45), 4 (59)

Testing, 1 (41), 2 (35, 43), 3 (33), 4 (39, 45, 59), 5 (10, 11, 16, 59), 6 (29) Thermal Cutoffs, 4 (57) Tubings/Fittings 6 (52)

UL 2 (37), 3 (31), 5 (34), 6 (3)

Vending Machines, 6 (7)

Water Heaters, 3 (58) Water Softeners, 1 (10)
Wiring, 1 (36, 57, 61), 4 (25, 31), 5 (65)
Flex Circuit Termination Systems, 2 (30)